

We claim:

Claims:

1. (Amended) A reamer for use in extracting juice from citrus comprising:
5 a plurality of primary ribs for contacting the flesh of the citrus;
wherein ~~the a~~ a plurality of primary ribs each have at least two different
profiles, being an upper profile and a lower profile;
a concave transitional section located between the upper and lower
profiles.
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2. (Amended) The reamer of claim 1 wherein:
the ~~primary ribs have an upper profile, and a lower profile~~ concave
transitional section smothly blends the upper and lower profiles
together.
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3. (Amended) The reamer of claim ~~2~~ 1 wherein:
the upper profile has a larger longitudinal radius or sharper apex angle
than the lower profile.
- 20 4. (Amended) The reamer of claim ~~2~~ 1, wherein further comprising:
a plurality of secondary ribs that are lower than the profiles of the
primary ribs are connected by a transitional section blending the upper
and lower profiles.
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5. (Original) The reamer of claim 1 wherein:
the primary ribs are blade like.
6. (Amended) The reamer of claim 1 wherein:
5 the top of at least some of the primary ribs form spikes to hold the fruit
in place.
7. (Amended) The reamer of claim ~~1~~4 wherein:
the ~~reamer includes~~ secondary ribs are located between ~~and within~~ the
10 ~~profile defined by~~ the primary ribs.
8. (Amended) The reamer of claim 1 wherein:
the reamer includes at least one ~~paddles~~ paddle near the ~~a~~ base of the
primary ribs for removing pulp.
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9. (Original) A citrus press comprising:
a reamer;
a housing to support the reamer;
a motor to drive the reamer, said motor contained in the housing; and
20 a fruit dome carried by an actuating arm;
wherein the fruit dome has a trajectory determined by the actuating
arm, the trajectory having a curved portion and a generally linear
portion that is generally coincident with an axis of rotation of the
reamer.
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10. (Original) The citrus press of claim 9 wherein:
the actuating arm co-operates with a micro switch lock-out to prevent
early rotation of the juicing reamer.
- 5 11. (Original) The reamer of claim 9 wherein:
the reamer has an apex on which is formed a central spike which co-
operates with an internal surface of the fruit dome to limit the gap
between the reamer and the dome.
- 10 12. (Original) The citrus press of claim 11 wherein:
the fruit dome includes a profile on its inner surface that corresponds
with the profile of the reamer profile.
13. (Original) The citrus press of claim 9 wherein:
15 the fruit dome is removable for washing.
14. (Original) The citrus press of claim 9 wherein:
the fruit dome includes a stub shaft for attaching the dome to a
corresponding aperture in the actuating arm.
- 20 15. (Original) The citrus press of claim 9 wherein:
the fruit dome includes one or more internal edges to grip the skin of
the fruit.

16. (Original) The citrus press of claim 9 wherein;
the juice collector includes a sealable spout to control the flow of juice
from the collector.

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17. (Original) A citrus press comprising:
a reamer;
a housing to support the reamer;
a motor to drive the reamer, said motor contained in the housing; and
10 a fruit dome carried by an actuating arm;
wherein the actuating arm has a four bar linkage hinge with at least one
fixed pivot attached to the housing.

18. (Original) The citrus juicer of claim 17 wherein:
15 the actuating arm is a collapsible quadrilateral hinge.

19. (Original) The citrus juicer of claim 17 wherein:
the actuating arm co-operates with a micro switch lock-out to prevent
early rotation of the juicing reamer.

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20. (Original) The reamer of claim 17 wherein:
the reamer has an apex on which is formed a central spike which co-
operates with an internal surface of the fruit dome to limit the gap
between the reamer and the dome.

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21. (Original) The citrus juicer of claim 17 wherein:
the fruit dome includes a profile on its inner surface that corresponds
with the profile of the reamer profile.
- 5 22. (Original) The citrus juicer of claim 17 wherein:
the fruit dome is removable for washing.
23. (Original) The citrus juicer of claim 17 wherein:
the fruit dome includes a stub shaft for attaching the dome to a
10 corresponding aperture in the actuating arm.
24. The citrus juicer of claim 17 wherein:
the fruit dome includes one or more internal edges to grip the skin of
the fruit.
- 15 25. (Original) The citrus juicer of claim 17 wherein:
the juice collector includes a sealable spout to control the flow of juice
from the collector.
- 20 26. (Amended) A spout for limiting the flow of fluid from a container,
comprising:
a spout that is hinged to the container;
the spout supporting an elastomeric plug;
an aperture in the container;

wherein the elastomeric plug fits into the aperture in the container to stop ~~the~~a flow of fluid therethrough;
the plug having a portion that is larger than the aperture, that portion preventing the plug from dislodging under ~~the~~an influence of gravity.

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27. (Original) The spout of claim 26 wherein:
the portion is an enlarged head.